#### Please provide the Assistant Secretary area (yellow) and B&R Description (green) on your Determinations & Certifications Form

| Assistant Secretary                                | Assistant Secretary  | ECOR Description   | B&R Description   |
|--|--|--|---|
| Assistant Secretary                                | CIVILIAN RADIOACTIVE WASTE MANAGEMENT  | WASTE MANAGEMENT SYSTEM  | PROGRAM MANAGEMENT, PLANNING, & CONTROL                         |
|  | CIVILIAN RADIOACTIVE WASTE MANAGEMENT  | WASTE MANAGEMENT SYSTEM  WASTE MANAGEMENT SYSTEM   | TECHNICAL ALTERNATIVES  |
|  |  |  |   |
|  | CIVILIAN RADIOACTIVE WASTE MANAGEMENT  | WASTE MANAGEMENT SYSTEM  | TECHNICAL ALTERNATIVES  |
|  | CIVILIAN RADIOACTIVE WASTE MANAGEMENT  | WASTE MANAGEMENT SYSTEM  | INTERNATIONAL PROGRAM & COORDINATION                            |
| CIVILIAN RADIOACTIVE WASTE MANAGEMENT Count        | 4  |  |   |
|  | ELECTRIC TRANSMISSION AND DISTRIBUTION   | HIGH TEMPERATURE SUPERCONDUCTIVITY R&D   | HIGH TEMPERATURE SUPERCON R&D                                   |
|  | ELECTRIC TRANSMISSION AND DISTRIBUTION   | HIGH TEMPERATURE SUPERCONDUCTIVITY R&D   | SUPERCONDUCTIVITY PARTNERSHIPS                                  |
|  | ELECTRIC TRANSMISSION AND DISTRIBUTION   | HIGH TEMPERATURE SUPERCONDUCTIVITY R&D   | SECOND GENERATION WIRE DEVELOPMENT                              |
|  | ELECTRIC TRANSMISSION AND DISTRIBUTION   | HIGH TEMPERATURE SUPERCONDUCTIVITY R&D   | STRATEGIC RESEARCH  |
| ELECTRIC TRANSMISSION AND DISTRIBUTION Count       | 4  |  |   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | BIOMASS/BIOFUELS ENERGY SYSTEMS  | INTEGRATION OF BIOREFINERY TECHNOLOGIES                         |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | BUILDING TECHNOLOGIES  | LIGHTING RESEARCH AND DEVELOPMENT                               |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | BUILDING TECHNOLOGIES  | WINDOWS TECHNOLOGY  |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | PRODUCTION AND DELIVERY R&D                                     |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | PRODUCTION AND DELIVERY R&D                                     |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | STORAGE R&D   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | STORAGE R&D   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | SAFETY, CODES & STDS AND UTILIZATION                            |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | SAFETY, CODES & STDS AND UTILIZATION                            |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | EDUCATION AND CROSS-CUTTING ANALYSIS                            |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | HYDROGEN RESEARCH R&D  | HYDROGEN SYSTEMS ANALYSIS                                       |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY  ENERGY EFFICIENCY & RENEWABLE ENERGY               | HYDROGEN RESEARCH R&D  | FUEL CELL STACK COMPONENT R&D                                   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY  ENERGY EFFICIENCY & RENEWABLE ENERGY               | HYDROGEN RESEARCH R&D  | FUEL CELL STACK COMPONENT R&D                                   |
|  |  |  |   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | INDUSTRY SECTOR - TOTAL  | FOREST AND PAPER PRODUCTS VISION NON-GAS                        |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | INDUSTRY SECTOR - TOTAL  | METAL CASTING VISION  |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | INDUSTRY SECTOR - TOTAL  | AIM   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | INDUSTRY SECTOR - TOTAL  | INDUSTRIAL ASSESSMENT CENTERS                                   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | INDUSTRY SECTOR - TOTAL  | TECHNICAL ASSISTANCE ACTIVITIES                                 |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | DISTRIBUTED ENERGY RESOURCES   | DER TECHNOLOGY DEVELOPMENT                                      |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | FUEL CELL TECHNOLOGIES   | TRANSPORTATION SYSTEMS  |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | FUEL CELL TECHNOLOGIES   | STACK COMPONENT R&D   |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | VEHICLE TECHNOLOGIES   | COMBUSTION AND EMISSION CONTROL R&D                             |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | VEHICLE TECHNOLOGIES   | COMBUSTION AND EMISSION CONTROL R&D                             |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | VEHICLE TECHNOLOGIES   | AUTOMOTIVE PROPULSION MATERIALS                                 |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | VEHICLE TECHNOLOGIES   | AUTOMOTIVE LIGHTWEIGHT MATERIALS                                |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | VEHICLE TECHNOLOGIES   | ADVANCED PETROLEUM-BASED FUELS                                  |
|  | ENERGY EFFICIENCY & RENEWABLE ENERGY   | GATEWAY DEPLOYMENT   | CLEAN CITIES  |
| ENERGY EFFICIENCY & RENEWABLE ENERGY Count         | 27   |  |   |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | PROGRAM DIRECTION  | ADVISORY AND ASSISTANCE SERVICES                                |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | DEF SITE ACCEL COMPL - 2012 ACCEL COMPL  | VL-LANL-0013 SOL WST STAB&DISP-LANL LEGC                        |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | DEF SITE ACCEL COMPL - 2035 ACCEL COMPL  | VL-LANL-0030 SOIL&WTR REMEDIATION - LANL                        |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | DEF SITE ACCEL COMPL - 2035 ACCEL COMPL  | CB-0080 PROJECT COSTS   |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | DEF SITE ACCEL COMPL - TECH DEVL & DEPL  | ALTERNATIVE PROJECTS  |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | RL-0044 B REACTOR  | RL-0044 B-REACTOR   |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | LOS ALAMOS NATIONAL LABORATORY   | SOLID WASTE STABILIZATION AND DISPOSITIO                        |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | LOS ALAMOS NATIONAL LABORATORY   | SOIL AND WATER REMEDIATION-LANL                                 |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | SOIL AND WATER REMEDIATION-NEVADA TEST S   | VL-NV-0030 SOIL & WATER REMEDIATION - OTHER ENVIRO              |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | SOIL AND WATER REMEDIATION-NEVADA TEST S   | NEVADA TEST SITE  |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | CB-0080 OPERATE WASTE DISPOSAL FACILITY  | CB-0080 OPERATE WASTE DISPOSAL FACILITY                         |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | CB-0080 OPERATE WASTE DISPOSAL FACILITY  | CB-0081 CENTRAL CHARACTERIZATION PROJECT                        |
|  | ENVIRONMENT RESTORATION AND WASTE MGMT   | NON-DEF SITE ACCEL COMPL-2035 ACC COMPL  | VL-LANL-0040-N NUCL FAC DECON&DECOM-LANL                        |
|  |  | LOS ALAMOS NATIONAL LABORATORY   | LOS ALAMOS NATIONAL LABORATORY                                  |
| ENVIRONMENT RESTORATION AND WASTE MGMT Count       |  | LOU ALAINOU NA HONAL LADURATUR I   | EGG ALAMOG NATIONAL LABORATORT                                  |
| LIAMINOMINIEM I VESTOVATION AND MASTE MIGHIL CORUL | ENVIRONMENT RESTORATION AND WASTE MGMT   |  |   |
|  | 14   |  | MORKER ADVOCACY   |
|  | ENVIRONMENT SAFETY AND HEALTH  | EMPLOYEE COMPENSATION INITIATIVE   | WORKER ADVOCACY   |
| END/ID ONIMENT OF EETV AND HEAT THE                | ENVIRONMENT SAFETY AND HEALTH ENVIRONMENT SAFETY AND HEALTH                              | EMPLOYEE COMPENSATION INITIATIVE OTHER DEFENSE ACTIVITIES  | WORKER ADVOCACY EPIDEMIOLOGIC STUDIES                           |
| ENVIRONMENT SAFETY AND HEALTH Count                | ENVIRONMENT SAFETY AND HEALTH ENVIRONMENT SAFETY AND HEALTH 2                            | EMPLOYEE COMPENSATION INITIATIVE OTHER DEFENSE ACTIVITIES  | EPIDEMIOLOGIC STUDIES   |
| ENVIRONMENT SAFETY AND HEALTH Count                | ENVIRONMENT SAFETY AND HEALTH ENVIRONMENT SAFETY AND HEALTH FOSSIL ENERGY                | EMPLOYEE COMPENSATION INITIATIVE OTHER DEFENSE ACTIVITIES PRESIDENTS HYDROGEN FRM COAL RESCH FUELS                           | EPIDEMIOLOGIC STUDIES  PRESIDENTS HYDROGEN FRM COAL RESCH FUELS |
| ENVIRONMENT SAFETY AND HEALTH Count                | ENVIRONMENT SAFETY AND HEALTH ENVIRONMENT SAFETY AND HEALTH  FOSSIL ENERGY FOSSIL ENERGY | EMPLOYEE COMPENSATION INITIATIVE OTHER DEFENSE ACTIVITIES  PRESIDENTS HYDROGEN FRM COAL RESCH FUELS MATERIALS AND COMPONENTS | PRESIDENTS HYDROGEN FRM COAL RESCH FUELS MATERIALS              |
| ENVIRONMENT SAFETY AND HEALTH Count                | ENVIRONMENT SAFETY AND HEALTH ENVIRONMENT SAFETY AND HEALTH FOSSIL ENERGY                | EMPLOYEE COMPENSATION INITIATIVE OTHER DEFENSE ACTIVITIES PRESIDENTS HYDROGEN FRM COAL RESCH FUELS                           | EPIDEMIOLOGIC STUDIES  PRESIDENTS HYDROGEN FRM COAL RESCH FUELS |

| Assistant Secretary | Assistant Secretary             | ECOR Description   | B&R Description                                    |
|---------------------|---------------------------------|--|--|
|                     | FOSSIL ENERGY                   | GREENHOUSE GAS CONRTOL   | GREENHOUSE GAS CONTROL                             |
|                     | FOSSIL ENERGY                   | EXPLORATION AND PRODUCTION   | EXPLORATION & PRODUCTION                           |
|                     | FOSSIL ENERGY                   | INFRASTRUCTURE   | INFRASTRUCTURE                                     |
|                     | FOSSIL ENERGY                   | GAS HYDRATES   | GAS HYDRATES                                       |
|                     | FOSSIL ENERGY                   | EXPLORATION & PRODUCTION SUPPORTING RES  | EXPLORATION & PRODUCTION                           |
|                     | FOSSIL ENERGY                   | EFFECTIVE ENVIRONMENTAL PROTECTION   | EFFECTIVE ENVIRONMENTAL PROTECTION                 |
|                     | FOSSIL ENERGY                   | CLEAN COAL PROGRAM DIRECTION   | OTHER SERVICES                                     |
|                     | FOSSIL ENERGY                   | CLEAN COAL POWER INITIATIVE  | CLEAN COAL POWER INITIATIVE                        |
| FOSSIL ENERGY Count |                                 | 12   |  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | CONSTRUCTION CERRO GRANDE FIRE ACTIVITY  | CONSTRUCTION CERRO GRANDE FIRE ACTIVITIE           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | RTBF CONSTRUCTION PROJECTS   | R & D FACILITIES                                   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | RTBF CONSTRUCTION PROJECTS   | PRODUCTION FACILITIES CONSTRUCTION                 |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | FIRP LINE ITEM CONSTUCTION PROJECTS  | FORP LINE ITEM CONSTRUCTION PROJECTS               |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | WEAPONS DISMANTLEMENT AND DISPOSITION CO   | WEAPONS DISMANTLEMENT AND DISPOSITION CONSTRUCTION |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | ICF IGNITION AND HI YLD CAMPAIGN CONSTN  | ICF IGNITION AND HI YLD CAMPAIGN CONSTN            |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | SAFEGUARDS AND SECURITY CONSTRUCTION PRJ   | SAFEGUARDS AND SECURITY CONSTRUCTION PRJ           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | PIT DISASSEMBLY AND CONVERSION FACILITY  | PIT DISASSEMBLY AND CONVERSION FACILITY            |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | PHYSL DAMAGE, DESTRUCT REPAIR,RISK MITIG   | BUILDINGS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | PHYSL DAMAGE, DESTRUCT REPAIR, RISK MITIG  | LAB EROSION CONTROL                                |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | PHYSL DAMAGE, DESTRUCT REPAIR, RISK MITIG  | PLANNING   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | RESTORING SERVICES   | UTILITIES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | EMERGENCY RESPONSE   | FIRE FIGHTERS                                      |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | EMERGENCY RESPONSE   | FIRE RISK REDUCTION AND MITIGATION                 |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | RESUMING LABORATORY OPERATIONS   | RESUMPTION OF LAB PROGRAMMATIC OPERATION           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | OPERATIONS OF FACILITIES   | PRODUCTION FACILITIES                              |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | OPERATIONS OF FACILITIES   | INSTITUTIONAL SITE SUPPORT                         |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | OPERATIONS OF FACILITIES   | LOS ALAMOS NATIONAL LABORATORY                     |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | OPERATIONS OF FACILITIES   | CHANGE IN INVENTORIES - COMMON USE STORES          |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | OPERATIONS OF FACILITIES   | CHANGE IN INVENTORIES - CHANGE IN COLLATERAL FUNDS |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | OPERATIONS OF FACILITIES   | M&O CONTRACTORS AT HQS - SALARIES/BENEFITS         |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | OPERATIONS OF FACILITIES   | INSTITUTIONAL SITE SUPPORT                         |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | PROGRAM READINESS  | CRITICALITY SAFETY (DNFSB 97-2)                    |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | SPECIAL PROJECTS AND OTHER   | LAND TRANSFER DIRECT COSTS                         |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | MATERIAL RECYCLE AND RECOVERY  | MATERIAL RECYCLE AND RECOVERY                      |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | CONTAINERS   | CONTAINERS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | FACILITIES & INFRASTRUCTURE CAP PROGRAM  | RECAPITALIZATION                                   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | FACILITIES & INFRASTRUCTURE CAP PROGRAM  | FACILITY DISPOSITION                               |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | FACILITIES & INFRASTRUCTURE CAP PROGRAM  | INFRASTRUCTURE PLANNING                            |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | LIFE EXTENSION PROGRAMS  | B61 LIFE EXT PROG - R&D                            |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | LIFE EXTENSION PROGRAMS  | W76 LIFE EXT PROG - R&D                            |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | LIFE EXTENSION PROGRAMS  | W76 LIFE EXT PROG - STOCKPILE MANAGEMENT           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | LIFE EXTENSION PROGRAMS  | W80 LIFE EXT PROG - R&D                            |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | LIFE EXTENSION PROGRAMS  | W80 LIFE EXT PROG - STOCKPILE MANAGEMENT           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS  | B61 RESEARCH AND DEVELOPMENT                       |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS STOCKPILE SYSTEMS  | B61 STOCKPILE MANAGEMENT                           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS  | W76 RESEARCH AND DEVELOPMENT                       |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS  | W76 STOCKPILE MANAGEMENT                           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS STOCKPILE SYSTEMS  | W78 RESEARCH AND DEVELOPMENT                       |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS  | W78 STOCKPILE MANAGEMENT                           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS STOCKPILE SYSTEMS  | W80 STOCKPILE MANAGEMENT W80 STOCKPILE MANAGEMENT  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS STOCKPILE SYSTEMS  | W87 STOCKPILE MANAGEMENT                           |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS STOCKPILE SYSTEMS  | W88 RESEARCH AND DEVELOPMENT                       |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SYSTEMS STOCKPILE SYSTEMS  | W88 STOCKPILE MANAGEMENT                           |
|                     |                                 | RETIRED SYS/CONTAINERS/DEMIL/SANITIZATN  | RS/C/D/S STOCKPILE MANAGEMENT                      |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | RETIRED SYS/CONTAINERS/DEMIL/SANITIZATN  RETIRED SYS/CONTAINERS/DEMIL/SANITIZATN |  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN |  | PDCF ADIES ACTIVITIES                              |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | RETIRED SYS/CONTAINERS/DEMIL/SANITIZATN  | PDCF ARIES ACTIVITIES                              |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SERVICES   | STOCKPILE SVCS RESEARCH AND DEVELOPMENT            |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SERVICES   | STOCKPILE SVCS STOCKPILE MANAGEMENT                |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SERVICES   | PRODUCTION SUPPORT                                 |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SERVICES   | RESEARCH AND DEVELOPMENT SUPPORT                   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SERVICES   | RESPONSIVE INFRASTRUCTURE                          |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SERVICES   | DOE/NNSA NUCLEAR COUNTERTERRISOM DESIGN SUPPORT (N |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | STOCKPILE SERVICES   | STOCKPILE SVCS SALARIES/BENEFITS                   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | RELIABLE REPLACEMENT WARHEAD   | RESEARCH AND DEVELOPMENT                           |

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| Assistant Secretary | Assistant Socretory  | ECOR Description   | B&R Description  |
|---------------------|--|--|--|
| Assistant Secretary | Assistant Secretary  NATIONAL NUCLEAR SECURITY ADMIN             | PRIMARY ASSESSMENT TECHNOLOGIES  | OTHER PRIMARY ASSESSMENT TECHNOLOGIES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | DYNAMIC MATERIALS PROPERTIES   | DYNAMIC MATERIALS PROPERTIES   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | DYNAMIC MATERIALS PROPERTIES   | SALARIES/BENEFITS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED RADIOGRAPHY   | DARHT  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED RADIOGRAPHY   | TRANSFORMATIONAL ASSESSMENT TECHNOLOGIES                                       |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | SECONDARY ASSESSMENT TECHNOLOGIES  | SECONDARY ASSESSMENT TECHNOLOGIES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | TEST READINESS   | TEST READINESS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED CERTIFICATION   | ADVANCED CERTIFICATION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ENHANCED SURETY  | ENHANCED SURETY  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | WEAPONS SYSTEMS ENGINEERING ASSESSMT   | WEAPONS SYSTEMS ENGINEERING ASSESSMT TECHNOLOGY                                |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | NUCLEAR SURVIVABILITY  | NUCLEAR SURVIVABILITY  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ENHANCED SURVEILLANCE  | ENHANCED SURVEILLANCE  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ENHANCED SURVEILLANCE  | ENHANCED SURVEILLANCE  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ICF - IGNITION   | IGNITION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ICF - IGNITION   | IGNITION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ICF-SUPPORT OF OTHER STOCKPILE PROGRAMS  | SUPPORT OF OTHER STOCKPILE PROGRAMS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | UNIVERSITY GRANTS/OTHER SUPPORT  | UNIVERSITY GRANTS/OTHER SUPPORT  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ICF-FACILITY OPERATIONS AND TARGET PROD  | ICF&HYC - FAC OPS AND TARGET PROD  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | HIGH ENERGY PETAWATT LAZOR DEVELOPMENT   | HIGH ENERGY PETAWATT LAZOR DEVELOPMENT   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | ADVANCED APPLICATIONS DEVELOPMENT  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | VERIFICATION AND VALIDATION  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | PHYSICS AND MATERIALS MODELS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | DATA AND VISUALIZATION SCIENCES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | PHYSICAL INFRASTRUCTURE AND PLATFORMS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | COMPUTATIONAL SYSTEMS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | SIMULATION SUPPORT   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | MODERN MULTI-PHYSICS CODES   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN ADVANCED SIMULATN AND COMPUTG CAMPAIGN  | LEGACY CODES   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN  ADVANCED SIMULATN AND COMPUTE CAMPAIGN | FOCUSED RESEARCH, INNOVATION, AND COLLABORATION EMERGING AND SPECIALIZED CODES |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | THEORETICAL MODELS AND EXPERIMENTAL INTEGRATION                                |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | MODEL IMPLEMENTATION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTE CAMPAIGN   | FUNDAMENTAL PHYSICS CODES AND APPLICATION                                      |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | MATERIAL DATA LIBRARIES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | RUSSIAN PROGRAMS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | V&V METHODS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | PRIMARY V&V ASSESSMENTS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | SECONDARY V&V ASSESSMENTS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | ENGINEERING V&V ASSESSMENTS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | SPECIALIZED V&V ASSESSMENTS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | DATA VALIDATION AND ARCHIVING  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | CAPABILITY SYSTEMS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | CAPACITY SYSTEMS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | ADVANCED SYSTEMS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | SYSTEM SOFTWARE AND TOOLS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | INPUT/OUTPUT, STORAGE SYSTEMS, AND NETWORKING                                  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | PRE AND POST PROCESSING ENVIRONMENTS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | FACILITIES, OPERATIONS, AND COMMUNICATIONS                                     |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | USER SUPPORT SERVICES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | ADVANCED SIMULATN AND COMPUTG CAMPAIGN   | COLLABORATIONS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | PIT MANUFACTURING  | PIT MANUFACTURING  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | PIT CERTIFICATION  | PIT CERTIFICATION  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | PIT MANUFACTURING CAPABILITY   | PIT MANUFACTURING CAPABILITY   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | READINESS CAMPAIGN-ADV DESIGN&PROD TECH  | ADVANCED DESIGN & PRODUCTN TECHNOLOGIES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | READINESS CAMPAIGN-STOCKPILE READINESS   | STOCKPILE READINESS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN  | HIGH EXPLOSIVES & WEAPON OPERATIONS  | HIGH EXPLOSIVES & WEAPON OPERATIONS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN  NATIONAL NUCLEAR SECURITY ADMIN | READINESS CAMPAIGN-NONNUCLEAR READINESS READINESS CAMPAIGN-TRITIUM READINESS   | NONNUCLEAR READINESS TRITIUM READINESS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | NUCLEAR WEAPONS INCIDENT RESPONSE  | PROGRAM OVERSIGHT/MEETINGS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | NUCLEAR WEAPONS INCIDENT RESPONSE  | TECHNOLOGY INTEGRATION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | NUCLEAR WEAPONS INCIDENT RESPONSE  | RADIOLOGICAL ASSISTANCE PROGRAM  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | NUCLEAR WEAPONS INCIDENT RESPONSE  | ACCIDENT RESPONSE GROUP  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | NUCLEAR WEAPONS INCIDENT RESPONSE  | RENDER SAFE DISPOSITION PROGRAM  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN                                  | NUCLEAR WEAPONS INCIDENT RESPONSE  | RENDER SAFE RESEARCH AND DEVELOPMENT   |
|                     | TATTIONAL NOOLLAN OLOOMITT ADMIN                                 | 1100LL/11 WL/11 ONO INOIDENT INLOI ONOL  | NEITHER ON ENCOUNTRIES DEVELOT WEIGH   |

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| Assistant Secretary | Assistant Secretary   | ECOR Description  | B&R Description   |
|---------------------|---|---|---|
| •                   | NATIONAL NUCLEAR SECURITY ADMIN   | NUCLEAR WEAPONS INCIDENT RESPONSE   | STABILIZATION IMPLEMENTATION  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NUCLEAR WEAPONS INCIDENT RESPONSE   | CONSEQUENCE MANAGEMENT TEAM   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NUCLEAR WEAPONS INCIDENT RESPONSE   | CONSEQUENCE MANAGEMENT ATTRIBUTION POST-DET PROGRA                                  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NUCLEAR WEAPONS INCIDENT RESPONSE   | TECHNOLOGY INTEGRATION PROGRAM MGMT   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NUCLEAR WEAPONS INCIDENT RESPONSE   | READINESS MANAGEMENT PROGRAM  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | PROTECTIVE FORCES   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | SECURITY SYSTEMS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | SECURITY SYSTEMS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | TRANSPORTATION  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | INFORMATION SECURITY  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | CYBER INFRASTRUCTURE  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | INTEGRATED CYBER SECURITY   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | PERSONNEL SECURITY (EXCLUDES SEC INVEST)  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | MATERIAL CONTROL AND ACCOUNTABILITY   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | PHYSICAL SECURITY TECHNOLOGY DEPLOYMENT   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | PROGRAM MANAGEMENT  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | OTHER COSTS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | DBT-PROTECTIVE FORCES   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | SAFEGUARDS AND SECURITY - NNSA  | DBT-PHYSICAL SECURITY SYSTEMS   |
|                     |   | SAFEGUARDS AND SECURITY - NNSA  |   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN   | CYBER SECURITY  CYBER SECURITY  | DBT-PROGRAM MANAGEMENT SITE INFRASTURCTURE  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | CYBER SECURITY  CYBER SECURITY  | ENTERPRISE INFRASTRUCTURE   |
|                     |   | CYBER SECURITY  CYBER SECURITY  |   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN   | CYBER SECURITY  CYBER SECURITY  | ENTERPRISE SECURE COMPUTING CYBER SECURITY INITIATIVES                              |
|                     |   |   |   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | CYBER SECURITY  | DISKLESS WORKSTATION OPERATIONS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATION AND VERIFICATION R&D   | PROLIFERATION DETECTION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATION AND VERIFICATION R&D   | PROLIFERATION DETECTION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATION AND VERIFICATION R&D   | NUCLEAR EXPLOSION MONITORING  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATION AND VERIFICATION R&D   | SUPPORTING ACTIVITIES   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATION AND VERIFICATION R&D   | SALARIES AND BENEFITS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | FUEL CYCLE ANALYSIS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | RUSSIAN FUEL RETURN   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | KAZAKHSTAN SPENT FUEL   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | GLOBAL REGIMES  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | WARHEAD DISMANTLEMT & FISSILE MATL TRANS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | HEU TRANSPARENCY IMPLEMENTATION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | WEAPONS-USABLE MATERIAL REMOVAL   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | IAEA SAFEGUARDS & NONPROLIFERATION POLIC  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | INTERNATIONAL COOPERATION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | DPRK SAFEGUARDS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | SUSTAINABILITY OF S&S SYSTEMS IN THE NIS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | NUCLEAR NONCOMPLIANCE VERIFICATION  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | NUCLEAR NONCOMPLIANCE VERIFICATION  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | LICENSING OPERATIONS  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | MULTILATERAL  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | INTNTL NONPROLIF EXPORT CONTROL PROGRAM   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | INTERDICTION/ENFORCEMENT  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | TREATIES AND AGREEMENTS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | GIPP/U.S. AND NON-FORMER SOVIET UNION   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | NONPROLIFERATN & INTERNATIONAL SECURITY   | DISLOCATION ALLOWANCE   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | RUSSIAN TRANSITION INITIATIVES  | INITIATIVES FOR PROLIF PREVENTION (US)  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | RUSSIAN TRANSITION INITIATIVES  | INITIATIVES FOR PROLIF PRVNT (FORMER SU)  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | RUSSIAN TRANSITION INITIATIVES  | NUCLEAR CITIES INITIATIVES (US)   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | RUSSIAN TRANSITION INITIATIVES  | NUCLEAR CITIES INITIATIVES (US)   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | RUSSIAN TRANSITION INITIATIVES  | NUCLEAR CITIES INITIATIVES(RUSSIAN FED)   |
|                     |   | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | INTENUCLEAR MATES PROTECTIVA COOPERATIV   | KUSSIA US CUSTS   |
|                     |   |   |   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN   | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN   | INTL NUCLEAR MATLS PROTECTN & COOPERATN INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS<br>RUSSIA IN-COUNTRY  |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN   | INTL NUCLEAR MATLS PROTECTN & COOPERATN INTL NUCLEAR MATLS PROTECTN & COOPERATN INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS RUSSIA IN-COUNTRY RUSSIA US COSTS                                   |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN                                 | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS RUSSIA IN-COUNTRY RUSSIA US COSTS RUSSIA IN-COUNTRY                 |
|                     | NATIONAL NUCLEAR SECURITY ADMIN | INTL NUCLEAR MATLS PROTECTN & COOPERATN | RUSSIA US COSTS RUSSIA IN-COUNTRY RUSSIA US COSTS RUSSIA IN-COUNTRY RUSSIA US COSTS |
|                     | NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN NATIONAL NUCLEAR SECURITY ADMIN                                 | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS RUSSIA IN-COUNTRY RUSSIA US COSTS RUSSIA IN-COUNTRY                 |

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| Assistant Secretary                  | Assistant Secretary  | ECOR Description  | B&R Description   |
|--------------------------------------|--|---|---|
| ,                                    | NATIONAL NUCLEAR SECURITY ADMIN  | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | MEGAPORTS   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | MEGAPORTS   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | US COSTS FOR RUSSIA   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | RUSSIA US COSTS   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | INTL NUCLEAR MATLS PROTECTN & COOPERATN   | SALARIES AND BENEFITS   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | US PLUTONIUM DISPOSITION  | PIT DISASSEMBLY & CONVERSION  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | US PLUTONIUM DISPOSITION  | MOX FUEL UTILIZATION TECHNOLOGY   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | US PLUTONIUM DISPOSITION  | MOX FUEL FABRICATN FAC OTHER PROJ COSTS   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | SUPPORTING ACTIVITIES   | SURPLUS PLUTONIUM PIT STORAGE   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | SUPPORTING ACTIVITIES   | COMMON TECHNOLOGIES AND INTEGRATION   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | RUSSIAN PLUTONIUM DISPOSITION   | PLUTONIUM CONVERSION (RF)   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | U.S. SUPPORT AND OVERSIGHT  | PLUTONIUM CONVERSION (US)   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | U.S. SUPPORT AND OVERSIGHT  | VVER-1000 REACTORS (US)   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | U.S. SUPPORT AND OVERSIGHT  | BN-600 REACTORS (US)  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | OFFSITE SOURCE RECOVERY PROJECT   | OFFSITE SOURCE RECOVERY PROJECT (OSRP)  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | U.S. RADIOLOGICAL THREAT REDUCTION  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | PROTECT RADIOLOGICAL DOMESTIC   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | REMOVE RADIOLOGICAL DOMESTIC  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | REDUCED ENRICH FOR RESEARCH & TEST REACT  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | KAZAKHSTAN SPENT FUEL   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | U.S. COSTS FOR RUSSIA/NIS PROGRAM   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | PROTECT RADIOLOGICAL INTERNATIONAL  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | REMOVE RADIOLOGICAL INTERNATIONAL   |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | GLOBAL THREAT REDUCTION INITIATIVE  | EMERGING THREATS  |
|                                      | NATIONAL NUCLEAR SECURITY ADMIN  | SPECTRUM RELOCATION FUNDS   | LANL VIDEO/AUDIO ROBOTIC VEHICLE  |
| ATIONAL NUCLEAR SECURITY ADMIN Count |  | 09  | EARL VIDEO/AODIO RODO NO VEI IIOLE  |
| TIONAL NOCELAR SECORITI ADMIN COUNT  | NON-DEPARTMENT OF ENERGY   | DEPARTMENT OF AGRICULTURE   | DEPARTMENT OF AGRICULTURE   |
|                                      | NON-DEPARTMENT OF ENERGY   | UNDISTRIBUTED COSTS   | UNDISTRIBUTED COSTS   |
| ON-DEPARTMENT OF ENERGY Count        | NON-DEPARTMENT OF ENERGY   | 2   | UNDISTRIBUTED COSTS   |
| ON-DEPARTMENT OF ENERGY COURT        | NUCLEAR ENERGY   | SPACE AND DEFENSE NUCLEAR POWER SYSTEM  | FACILITY INFRASTRUCTURE MAINTENANCE   |
|                                      | NUCLEAR ENERGY NUCLEAR ENERGY  |   | FACILITY INFRASTRUCTURE MAINTENANCE   |
|                                      |  | SPACE AND DEFENSE NUCLEAR POWER SYSTEM  | LEAD-COOLED FAST REACTOR U LFR  |
|                                      | NUCLEAR ENERGY   | GEN IV NUCLEAR ENERGY SYSTEMS INITIATIVE  |   |
|                                      | NUCLEAR ENERGY   | GEN IV NUCLEAR ENERGY SYSTEMS INITIATIVE  | SODIUM-COOLED FAST REACTOR  |
|                                      | NUCLEAR ENERGY   | GEN IV NUCLEAR ENERGY SYSTEMS INITIATIVE  | ENERGY CONVERSION   |
|                                      | NUCLEAR ENERGY   | GEN IV NUCLEAR ENERGY SYSTEMS INITIATIVE  | VHTR ENERGY CONVERSION  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | SEPARATIONS TECHNOLOGY DEVELOPMENT  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | SEPARATIONS TECHNOLOGY DEVELOPMENT  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | ADVANCED FUELS DEVELOPMENT  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | ADVANCED FUELS DEVELOPMENT  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | TRANSMUTATION SCIENCE   |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | TRANSMUTATION ENGINEERING   |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | UNIVERSITY COSTS - TRANSMUTATION ENGNRNG  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | SYSTEMS ANALYSIS/ADVANCED COMPUTING AND SIMULATION  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | SYSTEMS ANALYSIS  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | ALL OTHER   |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | GENP TECHNICAL INTEGRATION  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | TECHNOLOGY DEVELOPMENT  |
|                                      | NUCLEAR ENERGY   | ADVANCED FUEL CYCLE INITIATIVE (AFCI)   | TECHNOLOGY DEVELOPMENT  |
|                                      | NUCLEAR ENERGY   | MOX OTHER PROJECT COSTS   | MOX OTHER PROJECT COSTS   |
|                                      | NUCLEAR ENERGY   | ISOTOPE PROD & DIST PROGRAM   | PROCESS DEVELOPMENT   |
|                                      | NUCLEAR ENERGY   | ISOTOPE PROD & DIST PROGRAM   | RESEARCH  |
|                                      | NUCLEAR ENERGY   | ISOTOPE PROD & DIST PROGRAM   | OTHER (COSTS NOT CLASSIFIED ELSEWHERE)  |
|                                      |  | ISOTOPE PROD & DIST PROGRAM   | IRRADIATION INFRASTRUCTURE  |
|                                      | NUCLEAR ENERGY   |   | HOT CELL INFRASTRUCTURE   |
|                                      | NUCLEAR ENERGY   | ISOTOPE PROD & DIST PROGRAM   |   |
|                                      | NUCLEAR ENERGY NUCLEAR ENERGY  | ISOTOPE PROD & DIST PROGRAM   | INFRASTRUCTURE UPGRADES   |
|                                      | NUCLEAR ENERGY NUCLEAR ENERGY NUCLEAR ENERGY   | ISOTOPE PROD & DIST PROGRAM<br>ISOTOPE PROD & DIST PROGRAM  |   |
| JCLEAR ENERGY Count                  | NUCLEAR ENERGY NUCLEAR ENERGY NUCLEAR ENERGY   | ISOTOPE PROD & DIST PROGRAM ISOTOPE PROD & DIST PROGRAM 27  | INFRASTRUCTURE UPGRADES   |
| UCLEAR ENERGY Count                  | NUCLEAR ENERGY NUCLEAR ENERGY NUCLEAR ENERGY OFFICE OF HEALTH, SAFETY, AND SECURITY  | ISOTOPE PROD & DIST PROGRAM ISOTOPE PROD & DIST PROGRAM  27 EMPLOYEE COMPENSATION INITIATIVE  | INFRASTRUCTURE UPGRADES RADIOACTIVE ISOTOPES PRODUCTION WORKER ADVOCACY   |
| JCLEAR ENERGY Count                  | NUCLEAR ENERGY NUCLEAR ENERGY NUCLEAR ENERGY   | ISOTOPE PROD & DIST PROGRAM ISOTOPE PROD & DIST PROGRAM 27  | INFRASTRUCTURE UPGRADES RADIOACTIVE ISOTOPES PRODUCTION   |
| JCLEAR ENERGY Count                  | NUCLEAR ENERGY NUCLEAR ENERGY NUCLEAR ENERGY OFFICE OF HEALTH, SAFETY, AND SECURITY  | ISOTOPE PROD & DIST PROGRAM ISOTOPE PROD & DIST PROGRAM  27 EMPLOYEE COMPENSATION INITIATIVE  | INFRASTRUCTURE UPGRADES RADIOACTIVE ISOTOPES PRODUCTION  WORKER ADVOCACY EPIDEMIOLOGIC STUDIES INTERNATIONAL PROGRAMS |
| UCLEAR ENERGY Count                  | NUCLEAR ENERGY NUCLEAR ENERGY NUCLEAR ENERGY OFFICE OF HEALTH, SAFETY, AND SECURITY OFFICE OF HEALTH, SAFETY, AND SECURITY   | ISOTOPE PROD & DIST PROGRAM ISOTOPE PROD & DIST PROGRAM  27  EMPLOYEE COMPENSATION INITIATIVE ENVIRONMENTAL SAFETY & HEALTH OPERATING   | INFRASTRUCTURE UPGRADES RADIOACTIVE ISOTOPES PRODUCTION  WORKER ADVOCACY EPIDEMIOLOGIC STUDIES                        |
| UCLEAR ENERGY Count                  | NUCLEAR ENERGY NUCLEAR ENERGY NUCLEAR ENERGY  OFFICE OF HEALTH, SAFETY, AND SECURITY OFFICE OF HEALTH, SAFETY, AND SECURITY OFFICE OF HEALTH, SAFETY, AND SECURITY | ISOTOPE PROD & DIST PROGRAM ISOTOPE PROD & DIST PROGRAM  27  EMPLOYEE COMPENSATION INITIATIVE ENVIRONMENTAL SAFETY & HEALTH OPERATING ENVIRONMENTAL SAFETY & HEALTH OPERATING | INFRASTRUCTURE UPGRADES RADIOACTIVE ISOTOPES PRODUCTION  WORKER ADVOCACY EPIDEMIOLOGIC STUDIES INTERNATIONAL PROGRAMS |

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| Assistant Secretary                          | Assistant Secretary                      | ECOR Description                         | B&R Description                          |
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|  | OFFICE OF HEALTH, SAFETY, AND SECURITY   | NUCLEAR SAFEGAURDS AND SECURITY          | DEPLOYMENT                               |
| OFFICE OF HEALTH, SAFETY, AND SECURITY Count | 7  | ,  |  |
|  | OFFICE OF INDEPENTENT OVERSIGHT & PERF A | INDEPENDENT OVERSIGHT & PERFORMANCE ASSU | INDEPENDENT OVERSIGHT & PERFORMANCE ASSU |

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| Assistant Secretary                            | Assistant Secretary  | ECOR Description   | B&R Description  |
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| OFFICE OF INDEPENTENT OVERSIGHT & PERF A Count | · ·  | 1  |  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPARTMENT OF COMMERCE                                       | DEPARTMENT OF COMMERCE                                       |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | STRATEGIC DEFENSE INITIATIVES                                | STRATEGIC DEFENSE INITIATIVES (SDI)                          |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | ADVANCED CONVENTIONAL MUNITION                               | ADVANCED CONVENTIONAL MUNITIONS                              |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | ADVANCED CONVENTIONAL MUNITION                               | ADVANCED CONVENTIONAL MUNITIONS                              |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | CHALK ORANGE   | CHALK ORANGE   |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | LIMITED DEFENSE SYSTEM(P2215)                                | LIMITED DEFENSE SYSTEM(P2215)                                |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER FOLLOW-ON SYSTEMS(P2217)                               | OTHER FOLLOW-ON SYSTEMS(P2217)                               |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DIRECTED INITIATIVES   | DIRECTED INITIATIVES   |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MCT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPARTMENT OF THE INTERIOR                                   | DEPARTMENT OF TRANSPORTATION                                 |
|  | OFFICE OF MCT, BUDGET & EVALUATION                                     | DEPARTMENT OF TRANSPORTATION                                 | DEPARTMENT OF TRANSPORTATION                                 |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | ENVIRONMENTAL PROTECTION AGENCY                              | ENVIRONMENTAL PROTECTION AGENCY                              |
|  | OFFICE OF MCT, BUDGET & EVALUATION                                     | GALILEO/ULYSSES  | GALILEO/ULYSSES  |
|  | OFFICE OF MCT, BUDGET & EVALUATION                                     | CRAF/CASSINI   | CRAF/CASSINI SPACE EXPLORATION INITIATIVES                   |
|  | OFFICE OF MGT, BUDGET & EVALUATION OFFICE OF MGT, BUDGET & EVALUATION  | SPACE EXPLORATION INITIATIVES  SPACE EXPLORATION INITIATIVES | SPACE EXPLORATION INITIATIVES  SPACE EXPLORATION INITIATIVES |
|  | OFFICE OF MGT, BUDGET & EVALUATION  OFFICE OF MGT, BUDGET & EVALUATION | FLIGHT PROGRAM   | FLIGHT PROGRAM   |
|  | OFFICE OF MGT, BUDGET & EVALUATION  OFFICE OF MGT, BUDGET & EVALUATION | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | NATIONAL SCIENCE FOUNDATION                                  | NATIONAL SCIENCE FOUNDATION                                  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPARTMENT OF EDUCATION                                      | DEPARTMENT OF EDUCATION                                      |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPARTMENT OF HEALTH AND HUMAN SERVICES                      | DEPARTMENT OF HEALTH AND HUMAN RESOURCES                     |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPARTMENT OF HEALTH AND HUMAN SERVICES                      | DEPARTMENT OF HEALTH AND HUMAN RESOURCES                     |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | MMRTG  | MMRTG  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | MMRTG  | MMRTG  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | JIMO PROJECT   | JIMO PROJECT   |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OFA-DEFENSE RELATED ACTIVITIES                               | OTHER FEDERAL AGENCIES-DEFENSE RELATED                       |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OFA-DEFENSE RELATED ACTIVITIES                               | OTHER FEDERAL AGENCIES-DEFENSE RELATED                       |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPT STATE/SAFEGUARDS & SECURITY(POTAS)                      | DEPT STATE-SAFEGUARDS & SEC (POTAS)                          |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPT STATE/SAFEGUARDS & SECURITY(POTAS)                      | DEPT STATE-SAFEGUARDS & SEC (POTAS)                          |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPT STATE/OTHER NONPROLIFERATION ACTIV                      | DEPT OF STATE-OTHER NONPROLIFERATION ACT                     |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPT STATE/U.S.VOLUNTARY CONTRIBUTIONS                       | DEPT STATE-U.S. VOLUNTARY CONTRIUBTIONS                      |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | US DEPARTMENT OF STATE-NONPROLIFERATION                      | DEPARTMENT OF STATE-NONPROLIFERATION D                       |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER PROGRAMS   | DEPARTMENT OF STATE - OTHER                                  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER PROGRAMS   | DEPARTMENT OF STATE - OTHER                                  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER FEDERAL AGENCIES                                       | OTHER FEDERAL AGENCIES                                       |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER FEDERAL AGENCIES                                       | OTHER FEDERAL AGENCIES                                       |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | U.S. CUSTOMS   | U.S. CUSTOMS   |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DEPT OF HOMELAND SEC, TRANS SEC ADMIN                        | DEPT OF HOMELAND SEC, TRANS SEC ADMIN                        |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | CBRN COUNTERMEASURES   | CBRN COUNTERMEASURES   |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | CBRN COUNTERMEASURES   | CBRN COUNTERMEASURES   |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | OTHER  | OTHER  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | CRITICAL INTRASTRUCTURE ASSURANCE                            | CRITICAL INFRASTRUCTURE ASSURANCE                            |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | COAST GUARD  | COAST GUARD  |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | DOMESTIC NUCLEAR DETECTION OFFICE                            | DOMESTIC NUCLEAR DETECTION OFFICE                            |
|  | OFFICE OF MCT, BUDGET & EVALUATION                                     | DOMESTIC NUCLEAR DETECTION OFFICE                            | DOMESTIC NUCLEAR DETECTION OFFICE                            |
|  | OFFICE OF MCT, BUDGET & EVALUATION                                     | NUCLEAR REACTOR REGULATION                                   | NUCLEAR REACTOR REGULATION                                   |
|  | OFFICE OF MGT, BUDGET & EVALUATION                                     | NUCLEAR MATERIALS SAFETY AND SAFEGUARDS                      | NUCLEAR MATERIALS SAFETY AND SAFEGUARDS                      |

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| Assistant Secretary                     | Assistant Secretary  | ECOR Description                         | B&R Description                                    |
|---|--|--|--|
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | NUCLEAR REGULATORY RESEARCH              | NUCLEAR REGULATORY RESEARCH                        |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | RDNT                                     | RESEARCH, DEVELOPMENT, AND TESTING                 |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | INTERNATIONAL SECURITY                   | INTERNATIONAL SECURITY                             |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | COST OF REIMB AND CO-OP WORK NON-FED     | FOREIGN  |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | COST OF REIMB AND CO-OP WORK NON-FED     | DOMESTIC   |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | COST OF REIMB AND CO-OP WORK NON-FED     | DOMESTIC   |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | COST OF REIMB AND CO-OP WORK NON-FED     | FOREIGN  |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | COST OF REIMB AND CO-OP WORK NON-FED     | STATE/LOCAL GOV'TS AND NON-PROFIT ORGANI           |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | COST OF REIMB AND CO-OP WORK NON-FED     | UNIVERSITIES/INSTITUTIONS                          |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | COST OF REIMB AND CO-OP WORK NON-FED     | OTHER/OTHER  |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | USE 3RD PARTY REC FR TEC TRANS ACTIVITY  | OTHER  |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | USE 3RD PARTY REC FR TEC TRANS ACTIVITY  | OTHER  |
|   | OFFICE OF MGT, BUDGET & EVALUATION                                     | GENERATOR SET-ASIDE PILOT PROGRAM        |  |
|   | OFFICE OF MGT, BUDGET & EVALUATION  OFFICE OF MGT, BUDGET & EVALUATION | COST OF WORK FOR OTHERS                  | OPERATING EXPENSES UTILITIES                       |
| FFICE OF MOT DUDGET & EVALUATION Count  | OFFICE OF MIGT, BUDGET & EVALUATION                                    |  | UTILITIES  |
| FFICE OF MGT, BUDGET & EVALUATION Count | OFFICE OF COURNOR  | 77                                       | MATERIALO COUENCEO                                 |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | MATERIALS SCIENCES                                 |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | ALCATOR-C MODIFICATION                             |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | ALTERNATIVE CONCEPT EXP RESEARCH                   |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | EXPERIMENTAL PLASMA RESEARCH-ALTERNATIVE           |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | DRIVER CONCEPT DEVELOPMENT                         |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | TRAGETS FOR IFE                                    |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | MADISON SYMMETRICAL TORUS (MST)                    |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | TOKAMAK THEORY                                     |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | ALTERNATIVE THEORY                                 |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | SCIDAC/ADVANCED COMPUTING                          |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | NATIONAL COMPACT STELLARATOR EXPERIMENT            |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | ITER   |
|   | OFFICE OF SCIENCE  | FUSION ENERGY SCIENCES                   | MAGNETIC FUSION ENERGY FOR FUSION TECH             |
|   | OFFICE OF SCIENCE  | NON-ACCELERATOR BASED PHYSICS            | NATIONAL LABORATORY RESEARCH                       |
|   | OFFICE OF SCIENCE  | THEORETICAL PHYSICS                      | NATIONAL LABORATORY RESEARCH                       |
|   | OFFICE OF SCIENCE  | THEORETICAL PHYSICS                      | SCIENTIFIC DISC THRU ADVANCED COMPUTING            |
|   | OFFICE OF SCIENCE  | ADVANCED TECHNOLOGY                      | ADV TECHNOLOGY RESEARCH, ACCELERATOR DEVEL, INTERN |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | OTHER NATIONAL LABORATORY RESEARCH                 |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | TJANF EXPERIMENTAL SUPPORT                         |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | OTHER OPERATIONS                                   |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | OTHER NATIONAL LABORATORY RESEARCH                 |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | NATIONAL LABORATORY RESEARCH                       |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | NATIONAL LABORATORY RESEARCH                       |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | THEORY, SCIDAC, NAT LAB RESEARCH                   |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | OTHER NATIONAL LABORATORY RESEARCH                 |
|   | OFFICE OF SCIENCE  | NUCLEAR PHYSICS                          | NATIONAL LABORATORY RESEARCH                       |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | STRUCTURE OF MATERIALS                             |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES  MATERIALS SCIENCES   | MECHANICAL PROPERTIES                              |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES  MATERIALS SCIENCES   |  |
|   |  |  | PHYSICAL PROPERTIES                                |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | ENGINEERING MATERIALS                              |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | NEUTRON SCATTERING                                 |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | EXPERIMENTAL CONDENSED MATTER PHYSICS              |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | CONDENSED MATTER THEORY, PARTICLE-SOLID I          |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | MATERIALS CHEMISTRY                                |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | MANUEL LUJAN, JR., NEUTRON SCATTERING              |
|   | OFFICE OF SCIENCE  | MATERIALS SCIENCES                       | SNL/LANL CENTER FOR INTEGR NANO FACILITI           |
|   | OFFICE OF SCIENCE  | CHEMICAL SCIENCES                        | ATOMIC PHYSICS                                     |
|   | OFFICE OF SCIENCE  | CHEMICAL SCIENCES                        | CHEMICAL ENERGY                                    |
|   | OFFICE OF SCIENCE  | CHEMICAL SCIENCES                        | HEAVY ELEMENT CHEMISTRY                            |
|   | OFFICE OF SCIENCE  | CHEMICAL SCIENCES                        | GEOLOGY, GEOPHYSICS AND EARTH DYNAMICS             |
|   | OFFICE OF SCIENCE  | CHEMICAL SCIENCES                        | GEOCHEMISTRY                                       |
|   | OFFICE OF SCIENCE  | COMPUTATIONAL AND TECHNOLOGY RESEARCH    | BASIC RESEARCH AND HUMAN RESOURCES                 |
|   | OFFICE OF SCIENCE  | COMPUTATIONAL AND TECHNOLOGY RESEARCH    | HIGH PERFORMANCE COMPUTING SYS RESEARCH            |
|   | OFFICE OF SCIENCE  | COMPUTATIONAL AND TECHNOLOGY RESEARCH    | ADV SOFTWARE TECH & ALGORITHMS RESEARCH            |
|   | OFFICE OF SCIENCE  | COMPUTATIONAL AND TECHNOLOGY RESEARCH    | DISTRIBUTED NETWORK ENVIRONMENT RESEARCH           |
|   | OFFICE OF SCIENCE  | COMPUTATIONAL AND TECHNOLOGY RESEARCH    | ADV COMP, COMM RESEARCH & ASSOC ADTIVITI           |
|   | OFFICE OF SCIENCE  | WORK FORCE DEVELOPNENT FOR TEACHER/STDNT | SCIENCE UNDERGRAD LAB INTERNSHIP (SULI)            |
|   |  |  | , ,  |
|   | OFFICE OF SCIENCE  | LIFE SCIENCES                            | STRUCTURAL BIOLOGY                                 |

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| Assistant Secretary                            | Assistant Secretary                       | ECOR Description                         | B&R Description                                    |
|--|---|--|--|
| ·  | OFFICE OF SCIENCE                         | LIFE SCIENCES                            | CELLULAR BIOLOGY                                   |
|  | OFFICE OF SCIENCE                         | LIFE SCIENCES                            | GENOME   |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | MODELING   |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | COMP HARDWARE, ADV MATH & MODEL PHYSICS            |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | ATMOSPHERIC RADIATION MEASUREMENT (ARM)            |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | ATMOSPHERIC SCIENCE                                |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | ECOSYSTEM FUNCTIONING AND RESPONSE                 |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | ATMOSPHERIC RADIATION MEASUREMENT (ARM) RESEARCH   |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | ATMOSPHERIC SCIENCE                                |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | CLIMATE CHANGE MODELING                            |
|  | OFFICE OF SCIENCE                         | CLIMATE CHANGE RESEARCH                  | ECOSYSTEM FUNCTION AND RESPONSE                    |
|  | OFFICE OF SCIENCE                         | ENVIRONMENTAL REMEDIATION                | BIOREMEDIATION RESEARCH                            |
|  | OFFICE OF SCIENCE                         | ENVIRONMENTAL REMEDIATION                | CLEAN UP RESEARCH                                  |
|  | OFFICE OF SCIENCE                         | ENVIRONMENTAL REMEDIATION                | ENV REMEDIATION SCIENCES RESEARCH PRGRM            |
|  | OFFICE OF SCIENCE                         | MEDICAL APPLICATIONS AND MEASUREMENT SCI | RADIOPHARMACEUTICALS                               |
|  | OFFICE OF SCIENCE                         | MEDICAL APPLICATIONS AND MEASUREMENT SCI | INSTRUMENTATION                                    |
|  | OFFICE OF SCIENCE                         | BIOLOGICAL RESEARCH                      | MOLECULAR BIOLOGY                                  |
|  | OFFICE OF SCIENCE                         | BIOLOGICAL RESEARCH                      | HUMAN GENOME                                       |
|  | OFFICE OF SCIENCE                         | BIOLOGICAL RESEARCH                      | BIOMEDICAL INSTRUMENTATION RESEARCH                |
|  | OFFICE OF SCIENCE                         | BIOLOGICAL RESEARCH                      | ENVIRONMENTAL REMEDIATION SCIENCES RESEARCH PROGRA |
| OFFICE OF SCIENCE Count                        | 69  | 9  |  |
|  | OFFICE OF SECURITY & SAFETY PERFORM ASSU  | PROGRAM DIRECTION                        | OFFICE OF INDEPENDENT OVERSIGHT                    |
| OFFICE OF SECURITY & SAFETY PERFORM ASSU Count | 1   |  |  |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | POLICY AND TECHNICAL GUIDANCE                      |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | MANAGEMENT AND TECHNOLOGY TRAINING                 |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | PROGRAM ASSISTANCE & ANALYSIS                      |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | ALL OTHER  |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | MATERIAL CONTROL & ACCOUNTING                      |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | MATERIAL CONTROL & ACCOUNTING                      |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | NNSA PGM ACTIVITY-ANALYSIS                         |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | NNSA PGM ACTIVITY-INVESTIGATIONS                   |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | NNSA PGM ACTIVITY-TRAINING&AWARENESS               |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | NNSA PGM ACTIVITY-INFO&SPECIAL TECHNOLOG           |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | ENERGY SECURITY                                    |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | ASYMMETRIC THREATS                                 |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | HOMELAND SECURITY/COUNTERTERRORISM                 |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | COLLECTION MANAGEMENT & TECHNOLOGY                 |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | M&O CONTRACTORS                                    |
|  | OFFICE OF SECURITY AND EMERGENCY MNGMT    | NUCLEAR SAFEGUARDS & SECURITY            | SCIENCE AND TECHNOLOGY                             |
|  | C OL C OLOCIAT I AND LINE ROLL OF WINCOW! |  | COLLINE TECHNOLOGY                                 |

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